

20020223.qrp v02_n475.qrl.20020223

Date: Sat, 23 Feb 2002 19:03:05 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2475

QRP-L Digest 2475

Topics covered in this issue include:

- 1) [120591] Re: 2/22/2002 N1QO Fox Log v1.0
by "John J. McDonough" <wb8rcr@arrl.net>
- 2) [120592] Re: [HB] NJ pad cutter and ICs
by David Porter <aa3ur@comcast.net>
- 3) [120593] Re: Drake microphone
by Ronald Hands <ronald.hands@sympatico.ca>
- 4) [120594] Standards, Vertical Antennas, S Meters
by "Tracy Markham" <tracy@bytemark.com>
- 5) [120595] Fw: Standards vs. conventions
by "Niels" <nkristja@cadvision.com>
- 6) [120596] OH0NL (That's OHzeroNL) Legit or Pretender?
by Jim Campbell <jim-c@nc.rr.com>
- 7) [120597] Re: OH0NL (That's OHzeroNL) Legit or Pretender?
by "V Cortina" <vcortina@hvc.rr.com>
- 8) [120598] Re: OH0NL (That's OHzeroNL) Legit or Pretender?
by Bob Nielsen <nielsen@oz.net>
- 9) [120599] Re: QRPTTF 2002 Date?
by "Dave Ek" <ekdave@earthlink.net>
- 10) [120600] Re: OH0NL (That's OHzeroNL) Legit or Pretender?
by "Karl F. Larsen" <k5di@zianet.com>
- 11) [120601] RE: S-Meters and Measuring Signal Strength with Ham Receivers
by "James R. Duffey" <jamesd1@flash.net>
- 12) [120602] Re: Saskatchewan Provincial Hamfest 2002
by Bruce Rattray <rattray@gpfn.sk.ca>
- 13) [120603] Re: QRP during low sunspots
by "James R. Duffey" <jamesd1@flash.net>
- 14) [120604] Re: OH0NL (That's OHzeroNL) Legit or Pretender?
by Bruce Muscolino <w6toy@erols.com>
- 15) [120605] TenTec Argosy HF xcvr and power supply FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
- 16) [120606] Ref. Standards
by George Franklin <w0av@juno.com>
- 17) [120607] Re: Ref. Standards
by "V Cortina" <vcortina@hvc.rr.com>
- 18) [120608] SOC Spring Marathon Sprint March 9
by Bob Patten <n4bp@yahoo.com>
- 19) [120609] RE: QRP during low sunspots

- by "Roger A. McCarty" <rmccarty@earthlink.net>
- 20) [120610] NØRC Fox Log
by "Rod NØRC" <rod@n0rc.com>
- 21) [120611] Re: QRP during low sunspots
by "Mark S. Adams, P.E." <msadams@buffalo.edu>
- 22) [120612] Re: more FS
by "David Durant" <n4xce@bellsouth.net>
- 23) [120613] Re: Ref. Standards
by Bruce Muscolino <w6toy@erols.com>
- 24) [120614] Re: Ref. Standards
by Bruce Muscolino <w6toy@erols.com>
- 25) [120615] Re: Ref. Standards
by "V Cortina" <vcortina@hvc.rr.com>
- 26) [120616] Re: Ref. Standards
by "Dave" <wr3i@earthlink.net>
- 27) [120617] Re: [GQRP] F82-61 Miracle Whip - Technical "PT0/ATU Idea ?"
by George Gingell <k3tks@u1.abs.net>
- 28) [120618] Re: Ref. Standards
by Bruce Muscolino <w6toy@erols.com>
- 29) [120619] 160 meter Contest question?
by "Dave" <wr3i@earthlink.net>
- 30) [120620] Re: [GQRP] F82-61 Miracle Whip - Technical "PT0/ATU Idea ?"
by Bruce Muscolino <w6toy@erols.com>
- 31) [120621] Re: Ref. Standards
by "Jim Stamper" <jstamper@shentel.net>
- 32) [120622] Re: QRP during low sunspots
by "Dave WR50" <dendav@dzn.com>
- 33) [120623] S-Meters - What the Books Say
by "James R. Duffey" <jamesd1@flash.net>
- 34) [120624] Re: QRP during low sunspots [correction]
by "Dave WR50" <dendav@dzn.com>
- 35) [120625] Re: QRP during low sunspots
by "W5TB" <w5tb@arrl.net>
- 36) [120626] Re: QRP during low sunspots
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 37) [120627] Tuning ratio in Sierra
by "Robert Armstrong" <barmstrong@sisna.com>
- 38) [120628] Re: Ref. Standards
by George Franklin <w0av@juno.com>
- 39) [120629] Re: Tuning ratio in Sierra
by "Bob Tellefsen" <n6wg@earthlink.net>
- 40) [120630] Re: Ref. Standards
by Bruce Muscolino <w6toy@erols.com>
- 41) [120631] Vern's address in last message.
by Michael Bower <bowerm@ix.netcom.com>
- 42) [120632] Super Antennas address
by Michael Bower <bowerm@ix.netcom.com>
- 43) [120633] QRP Accessory

- by W2AGN <w2agn@pobox.com>
- 44) [120634] Disregard this post
by "N3BJ" <alanfryer@msn.com>
- 45) [120635] QRPTTF Theme?
by Steven Weber <kd1jv@moose.ncia.net>
- 46) [120636] S-Meters
by Steven Weber <kd1jv@moose.ncia.net>
- 47) [120637] Re: subject line vs DELETE
by Dave Richards <wr3i@earthlink.net>
- 48) [120638] SW series RIT
by Davewb4@aol.com
- 49) [120639] WTB: TUF-1 Mixer
by Ron S Stone <rsstone@juno.com>
- 50) [120640] Re: Tuning ratio in Sierra
by "Dave Ek" <ekdave@earthlink.net>
- 51) [120641] Re: QRPTTF 2002 Date? (is last SATURDAY in April)
by "Dave Ek" <ekdave@earthlink.net>
- 52) [120642]
by "frank5838" <frank5838@email.msn.com>
- 53) [120643] FS - 2N3904/1N4148 (200/450 = \$9+)
by "Dennis Payton" <dpayton@fwi.com>
- 54) [120644] QRP Glowbug Rigs
by W2AGN <w2agn@pobox.com>
- 55) [120645] FS: MXM Transceiver
by "N3BJ" <alanfryer@msn.com>
- 56) [120646] Fw: MXM Transceiver (Instant Price Reduction)
by "N3BJ" <alanfryer@msn.com>
- 57) [120647] [HB] NJ Islander and ICs
by "Ingo, DK3RED" <dk3red@t-online.de>
- 58) [120648] Re: QRP during low sunspots
by "DIANNE M WISE" <roy537@prodigy.net>
- 59) [120649] CQC QSO Party Sunday Feb 24
by "Al Dawkins" <alk0frp@attbi.com>
- 60) [120650] CQC QSO Party
by "Al Dawkins" <alk0frp@attbi.com>
- 61) [120651] W6EL Propagation software
by "Karl F. Larsen" <k5di@zianet.com>

Date: Fri, 22 Feb 2002 19:19:50 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <john@wagner-usa.net>
Subject: [120591] Re: 2/22/2002 N1Q0 Fox Log v1.0
Message-ID: <002901c1bbff\$d36bda80\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "John Wagner" <john@wagner-usa.net>
Subject: FOX: 2/22/2002 N1Q0 Fox Log v1.0

> Version 1.0 of my fox log from last evening as typed up on my new (used)
Mac
> powerbook using Emacs (of all things!).

Hey! Nothing wrong with Emacs. Besides, what if you needed to know the
Coptic date? And I bet you didn't forget to send your SO a Ren-Wu card!

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Fri, 22 Feb 2002 19:22:43 -0500
From: David Porter <aa3ur@comcast.net>
To: dk3red@t-online.de,
 Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [120592] Re: [HB] NJ pad cutter and ICs
Message-ID: <006101c1bc00\$36e9d300\$927ba8c0@jamison1.pa.home.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

In the latest QRP Homebrewer, Dov Rabinowitz AD0V has answered your
question. He has placed the spots on the PC board as close as he can for
each side of the socket. He then uses wire wrap sockets and bends each wire
wrap pin to fit the pads. Looks great!

David Porter AA3UR
aa3ur@comcast.net

----- Original Message -----

From: "Ingo, DK3RED" <dk3red@t-online.de>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, February 22, 2002 5:37 PM
Subject: [HB] NJ pad cutter and ICs

> Hello QRPers and homebrewer,
>
> How can I put an IC on a board designed with the NJ pad cutter? The space
> between the IC pins are 0.1 inch, but the cutter is 0.2 inch in diameter.
> Yes, I know the procedure for ICs on boards designed in manhattan style.
> But I want to use (if possible) no glued pads on the cutted board. The
> only way I know at the time is to solder the IC pins which not go to the
> ground together with the pins from the other parts in the air (like the
> ugly style or dead bug style). Any other suggestions?
>
> P.S. Thanks to the gang from the NJ QRP club for this great tool.
>
> --
> 72/73 de Ingo, DK3RED Don't forget: the fun is the power!
> dk3red@t-online.de <http://www.qsl.net/dk3red>
> DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Fri, 22 Feb 2002 19:46:46 -0800
From: Ronald Hands <ronald.hands@sympatico.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [120593] Re: Drake microphone
Message-ID: <3C7710A6.80404@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Thanks for the responses. Got the info I needed and I'm now ready to
butcher it.

73,

-- Ron VE3SP
QRP #464

Date: Fri, 22 Feb 2002 16:57:40 -0500
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [120594] Standards, Vertical Antennas, S Meters
Message-ID: <NFBKLDHALEHCJMAJPKFAELOCLAA.tracy@bytemark.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was bein a smart alec and tried to look up 'Standards' regarding S meter readings at <http://www.nist.gov> - naturally I did not find anything on that, but I did find a neat description of the vertical antennas that they use to broadcast WWV.

<http://www.boulder.nist.gov/timefreq/stations/wwv.html>

It's short and sweet, describing the quarter wave verticals that transmit for WWV. I think that it is interesting, if not revealing, that the nations Standards organization uses quarter wave verticals a quarter wave off the ground with quarter wave radials at 45 degrees ...

I could not find any information at all on received signal strength measurements. But then, I didn't search all day!

Tracy N4LGH

Date: Fri, 22 Feb 2002 18:20:28 -0700
From: "Niels" <nkristja@cadvision.com>
To: "QRP-L" <QRP-l@Lehigh.EDU>
Subject: [120595] Fw: Standards vs. conventions
Message-ID: <013201c1bc08\$47fe6860\$408494cf@niels>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The nice thing about standards is that there are so many to choose from.

73 de Niels
VA6NJ

> > Standards are very important to our field. Specifications are very
> > important to manufacturers. Conventions are very important to our
> > hobby. They are all different but using the wrong word at the wrong
> > time can cause major confusion!
> >

>

Date: Fri, 22 Feb 2002 20:24:24 -0500
From: Jim Campbell <jim-c@nc.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [120596] OH0NL (That's OHzeroNL) Legit or Pretender?
Message-ID: <3C76EF48.E4AB66CA@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Last night was not a good night for me. I didn't hear the truffle or anyone calling him. Next, I could barely read Rod, and there were lots of hounds. I couldn't in all good conscience call Rod if I couldn't be sure that I could hear his return. Some kind soul told the list where John was working. I went there and heard lots of hounds, but no John. I had heard in a recent post that 30 meters was doing well for DX at night. I went there and heard OH0NL calling CQ. Pretty soon there was a pack all around him. I tried calling him a few times, but this was no place for a QRP beginner. Lots of the stations were running a bunch of power. I finally gave up on him also.

Today I started researching this station. The OHzero prefix is Aland Island between Sweden and Finland. Apparently there have been several DXpeditions there, but nothing on the web site about anything going on now. Do you suppose that this guy is legit, or just someone having fun pretending to be rare DX? This all occurred sometime after 0300Z and the frequency was 10.106.2. Last night was not a good night for me, my K2 and my attic dipole. Oh, well, the fun is in the chase and not necessarily in the catching.

72/73,

Jim
W4BQP K2 #2268

Date: Fri, 22 Feb 2002 20:51:39 -0500
From: "V Cortina" <vcortina@hvc.rr.com>
To: <jim-c@nc.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [120597] Re: OH0NL (That's OHzeroNL) Legit or Pretender?
Message-ID: <002901c1bc0c\$a3186940\$6401a8c0@hvc.rr.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Jim,

Just wanted you to know that your situation has been similarly experienced by about 500 million hams since this hobby began. I have worked 100W and had that happen over and over again. Steady on the stick and believe your instruments, Captain. Learn from this experience. Where was he listening? Try transmitting slightly off frequency from most of the pack. Your tone will stand out. Learn how to tail-end. I have been in electronics field service for about 25 years, and BELIEVE ME, sometimes things just go wrong no matter WHAT you do.

Get some objective reports from closer hams at similar times of the day, under similar band condx. What is your report??? Try varying your speed. What the heck, if it always worked perfectly, it would be called a telephone. (Well, maybe not perfectly!)

Good Luck.

Vinny KR2F
Mt. Tremper, NY FN22ua
F.I.S.T.S. #4582, QRP-L #2397
NJ-QRP #349 E.C.A.R.S. #20188
10-X #68971

----- Original Message -----

From: "Jim Campbell" <jim-c@nc.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, February 22, 2002 8:24 PM
Subject: OH0NL (That's OHzeroNL) Legit or Pretender?

> Last night was not a good night for me. I didn't hear the truffle or
> anyone calling him. Next, I could barely read Rod, and there were lots
> of hounds. I couldn't in all good conscience call Rod if I couldn't be
> sure that I could hear his return. Some kind soul told the list where
> John was working. I went there and heard lots of hounds, but no John.
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> night. I went there and heard OH0NL calling CQ. Pretty soon there was
> a pack all around him. I tried calling him a few times, but this was no
> place for a QRP beginner. Lots of the stations were running a bunch of
> power. I finally gave up on him also.

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> Island between Sweden and Finland. Apparently there have been several
> DXpeditions there, but nothing on the web site about anything going on
> now. Do you suppose that this guy is legit, or just someone having fun
> pretending to be rare DX? This all occurred sometime after 0300Z and
> the frequency was 10.106.2. Last night was not a good night for me, my
> K2 and my attic dipole. Oh, well, the fun is in the chase and not
> necessarily in the catching.

>

> 72/73,

>

> Jim

> W4BQP K2 #2268

>

Date: Fri, 22 Feb 2002 17:58:33 -0800

From: Bob Nielsen <nielsen@oz.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [120598] Re: OH0NL (That's OHzeroNL) Legit or Pretender?

Message-ID: <20020223015832.GA1989@oz.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline

On Fri, Feb 22, 2002 at 08:24:24PM -0500, Jim Campbell wrote:

> Last night was not a good night for me. I didn't hear the truffle or
> anyone calling him. Next, I could barely read Rod, and there were lots
> of hounds. I couldn't in all good conscience call Rod if I couldn't be
> sure that I could hear his return. Some kind soul told the list where
> John was working. I went there and heard lots of hounds, but no John.
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> a pack all around him. I tried calling him a few times, but this was no
> place for a QRP beginner. Lots of the stations were running a bunch of
> power. I finally gave up on him also.

>

> Today I started researching this station. The OHzero prefix is Aland
> Island between Sweden and Finland. Apparently there have been several
> DXpeditions there, but nothing on the web site about anything going on
> now. Do you suppose that this guy is legit, or just someone having fun
> pretending to be rare DX? This all occurred sometime after 0300Z and
> the frequency was 10.106.2. Last night was not a good night for me, my
> K2 and my attic dipole. Oh, well, the fun is in the chase and not
> necessarily in the catching.

Aland Island isn't very rare nowadays, but is still a good catch. I

have run across OH0 stations in most of the recent DX contests (sometimes several in a weekend), so I suspect this one was genuine. OJ0 (Market Reef) is a bit rarer.

72/73,

Bob, N7XY

Date: Fri, 22 Feb 2002 19:18:52 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [120599] Re: QRPTTF 2002 Date?
Message-ID: <001a01c1bc10\$70fb4aa0\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Jan N0QT tells me that QRPTTF is always the last Sunday in April. That makes it the 28th this year. Thanks, Jan.

73 de Dave NK0E

Date: Fri, 22 Feb 2002 19:43:01 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Jim Campbell <jim-c@nc.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [120600] Re: OH0NL (That's OHzeroNL) Legit or Pretender?
Message-ID: <Pine.LNX.4.33.0202221936500.4077-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Jim, I could not hear John in VT for most of the 2 hour Fox session. I got Ron as soon as I figured out what he was looking for. After getting Ron I just checked John's frequency for about 40 minutes. Then the Mexican SSB stations quit but still no John. Then I heard parts of words. Got closer and I got a TU. Went down to where the Hounds were and set up in a clear spot. Next TU and I called him. Three times. He came back to me! I sent him my numbers and John said TU.

On Fri, 22 Feb 2002, Jim Campbell wrote:

> Last night was not a good night for me. I didn't hear the truffle or
> anyone calling him. Next, I could barely read Rod, and there were lots
> of hounds. I couldn't in all good conscience call Rod if I couldn't be
> sure that I could hear his return.

That is exactly right Jim!

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Fri, 22 Feb 2002 19:59:32 +0000
From: "James R. Duffey" <jamesd1@flash.net>
To: <nkennedy@tcainternet.com>
Cc: qrp-l <qrp-l@lehigh.edu>
Subject: [120601] RE: S-Meters and Measuring Signal Strength with Ham Receivers
Message-ID: <B89C53A4.120DA%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Nick - Your comments are well taken and are correct on all points.

See you at Arkiecon? - Duffey

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Fri, 22 Feb 2002 21:21:31 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [120602] Re: Saskatchewan Provincial Hamfest 2002
Message-ID: <Pine.LNX.4.33.0202222115200.32149-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The Saskatchewan Provincial Hamfest will be held in the city of Regina this year on July 5,6,7th., sponsored by the Regina Amateur Radio Association (RARA)...

The location will be the Ecole Monseigneur de Laval located at the corner of Cowan Crescent and Hillside Avenue. This is in the south-east section of the city not far from the TransCanada highway.

A website has been created at: <http://www.qsl.net/saskhamfest>

Given the present state of the Canadian dollar compared to the US dollar and especially the English pound, this would be a nice inexpensive hamfest for our international amateur friends to take in this year.

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Fri, 22 Feb 2002 20:44:16 +0000
From: "James R. Duffey" <jamesd1@flash.net>
To: <jhisson1@columbus.rr.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [120603] Re: QRP during low sunspots
Message-ID: <B89C5E20.120DE%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

There is lots to do with QRP at the Sun Spot minimum.

I started in Ham Radio in 1965 as WN0MWN in South Dakota, a year or so after the solar minimum. There was lots of 15 M CW to work on the novice band then. In those days it took me 10 minutes to come home from high school for lunch. My mother (then WN0MZI) would turn the rig about 15 minutes before I got home so it would warm up. I would get on and usually work some 2s (NY and NJ) and 4s (Florida only). Mom would give me a sandwich to eat while I worked CW. After school the 6s (CA) would come in. Occasionally at mid day there would be some generous South American stations that would venture up to the novice bands to give us poor souls a taste of DX. All this with 75

watts input, a 14AVQ vertical, and a 21.150 Mcps rock. Not QRP, but close. You will be able to do the same thing with 5 Watts, if there are still CW stations around to work at the next sunspot minimum. :^)=

My dad, WA00ML in South Dakota, and I have skeds twice weekly. When the sunspots are high we use 17 M with 20 M as a backup. When the sunspots are low, we use 20 M with 40 M as a backup. There are very few days when we cannot make it on one band or another.

During the sun spot lows, the low bands, 160 M, 80 M, and 40 M shine. They open to DX earlier, there is less ionospheric absorption, and less noise.

At times of low solar activity, in the evenings and late night, 30 M takes the place of 20 M as the DX band. Due to the 250 Watt power restriction on this band and general lack of big antennas on this band, it is easier for QRPers to be competitive on 30 M.

On 10 M there is sporadic E propagation (short skip in CB lingo) in the late spring and summer and mid winter. You can work all over the US with low power on this under used mode. It is pretty much independent of the sun spot number, although there is some evidence that it may be better when the solar activity is low.

Sporadic E is the main stay propagation mode on 6 M, and is an effective low power mode, so give that a try.

QRP SSB and CW can be a real kick on 2 M and up. Try it when the solar activity is low.

Almost everybody runs QRP on 10 GHz. Do some mountain topping.

Many of the Oscar satellites can be worked with QRP. They are also pretty much independent of solar activity.

I write the solar flux number in the log when I operate. In this fashion I can go back through old logs to see what kind of flux is necessary to maintain communication. As an example, I found out that I can usually work my dad on 20 M an hour before sunset when the solar flux is above 30 to 35.

If you get hold of one of those propagation programs you can experiment and see what effect entering a low sun spot number has on the maximum usable frequency.

In general at times of low solar activity, the bands open later and close earlier. The higher bands do not open as often or for as long. There is usually less geomagnetic disturbances and the bands are quieter.

QRP Hamming is different at a solar minimum, but still fun. See you in 2007

or so? - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Fri, 22 Feb 2002 23:40:22 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: jim-c@nc.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [120604] Re: OH0NL (That's OHzeroNL) Legit or Pretender?
Message-ID: <3C771D36.AE77C627@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OHzero is not especially rare. It would be better called moderately rare. The fact that you can't find anything on the DX reflectors simply means that the operator didn't bother to tell them!

While it is often popular for DXpeditions, it is also popular as a vacation spot for others. Probably he was just another ham who went there and got on the air!

I would bet that the call says he is a Dutch ham on vacation! Also since last weekend was the ARRL DX contest, he might have gotten in that, but maybe didn't work the whole contest. There is an old adage among DX chasers, work them first, worry about them later!

73

73

Date: Sat, 23 Feb 2002 08:03:39 -0500
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [120605] TenTec Argosy HF xcvr and power supply FS
Message-ID: <013301c1bc6a\$83d7d580\$5191d4d1@toshiba>

TenTec Argosy and power supply for sale:

TenTec Argosy 525 D, Digital HF xcvr

This solid state transceiver covers 80 thru 10 meters, including the 10 MHz WARC band. It is switchable for 50 Watts or 5 Watts of output power, and will operate on either CW or SSB. It has digital readout, and a notch filter. This one is like it just came out of the box from the factory. I can not find a scratch on it. Of course the manual is included. \$ 375

TenTec 225 power supply

This supply is made to match the Argosy transceiver. It supplies 13.8 volts at up to 9 amps. This one is in very nice shape. I found one very small scratch on it. Paper work included for \$100.

Buy both the Argosy and the power supply together for \$460.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson

E-Mail to W8EK@fdt.net or W8EK@yahoo.com

Voice Phone (352) 732-8400

Date: Sat, 23 Feb 2002 07:29:39 -0600
From: George Franklin <w0av@juno.com>
To: qrp-1@lehigh.edu
Subject: [120606] Ref. Standards
Message-ID: <20020223.072939.-1570487.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gentlemen:

May I recommend the following for your consideration?

Trusting my (fading) memory, Lewis Carroll in "Through A Looking Glass" had one of his characters (was it Humpty Dumpty?) say:

When I use a word, it means exactly what I choose it to mean;
nothing
more and nothing less."

Sorry!

de George/W0AV
Hamming since '35

Date: Sat, 23 Feb 2002 08:36:59 -0500
From: "V Cortina" <vcortina@hvc.rr.com>
To: <w0av@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [120607] Re: Ref. Standards
Message-ID: <000701c1bc6f\$2c5452c0\$6401a8c0@hvc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

True, but then again "A rose by any other name, would smell just as
weet!" - Bette Midler

Vinny KR2F
Mt. Tremper, NY FN22ua
F.I.S.T.S. #4582, QRP-L #2397
NJ-QRP #349 E.C.A.R.S. #20188
10-X #68971

----- Original Message -----
From: "George Franklin" <w0av@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, February 23, 2002 8:29 AM
Subject: Ref. Standards

> Gentlemen:

>
> May I recommend the following for your consideration?
>
> Trusting my (fading) memory, Lewis Carroll in "Through A Looking Glass"
> had one of his characters (was it Humpty Dumpty?) say:
>
> When I use a word, it means exactly what I choose it to mean;
> nothing
> more and nothing less."
>
> Sorry!
>
> de George/W0AV
> Hamming since '35
>
>

Date: Sat, 23 Feb 2002 06:11:06 -0800 (PST)
From: Bob Patten <n4bp@yahoo.com>
To: Elecraft Reflector <elecraft@mailman.qth.net>,
 SOC Reflector <soc@mailman.qth.net>,
Subject: [120608] SOC Spring Marathon Sprint March 9
Message-ID: <20020223141106.48107.qmail@web14301.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The SOC Contest Committee Is Pleased As Punch To Announce

The Spring
Second Class Operator's Club (SOC) Marathon Sprint

Contest Name: SOC Marathon Sprint

Contest Date/Time: March 9, 2002, 1800Z through 2400Z

Categories: Single-Operator, All Band

Modes: CW Only

Exchange: * Member - RST,
 State/Province/Country, SOC Number

 * Non-Member - RST,

State/Province/Country, Power Out

QSO Points: * Member = 5 Points
 * Non-Member,
 Different Continent = 4 Points
 * Non-Member,
 Same Continent = 2 Points

Multiplier: Total SPC (State/Province/Country)
 for all bands. The same station
may be worked on more than one band
for QSO points and SPC credit.

Power Multiplier: * 0 - 250 mW = X 15
 * 250 mW - 1 Watt = X 10
 * 1 W - 5 W = X 7
 * Over 5 W = X 1

Note: The highest power used on any band will determine the
power multiplier.
Output power is considered as 1/2 of input power.

Suggested Frequencies:	GENERAL	NOVICE
160 Meters	1810 KHz	
80 Meters	3560 KHz	3710
KHz		
40 Meters	7040 KHz	7110
KHz		
20 Meters	14060 KHz	
15 Meters	21060 KHz	21110
KHz		
10 Meters	28060 KHz	28110
KHz		
6 Meters	50128 KHz	

Scoring: * Total score = Total QSO points for all
 bands X total SPC's for all bands X Power
 Multiplier

Reporting: Entry includes a copy of the log, a summary
 sheet and, if more than 100 QSO's are
 reported, a dupe sheet.

The summary sheet must contain station and operator
callsigns, total time on the air, a total score and by band
listing of valid QSO's, SPC's, and QSO points, and output
power for each band, total time-on-the-air, and operator

name and signature, SOC member number and any comments.

All entries must be received before April 9, 2002.

Late entries will be counted as check logs.

Include an SASE with your entry for a copy of the results.

Results will be posted on QRP-L and on the SOC Website. The final decision on all matters concerning the contests rests with the contest manager.

You may submit your log/summary/dupe sheet submittals via E-Mail to n4bp@yahoo.com. They may also be submitted by regular mail to:

Bob Patten, N4BP
2841 N.W. 112 Terrace
Plantation, FL 33323

=====

73, Bob Patten, N4BP Plantation, FL

E-Mail: n4bp@yahoo.com Website: <http://www.qsl.net/n4bp>
QRP ARCI #3412 FISTS #7871 ARS #799 SOC #1 Whiners #6

Do You Yahoo!?
Yahoo! Sports - Coverage of the 2002 Olympic Games
<http://sports.yahoo.com>

Date: Sat, 23 Feb 2002 06:12:46 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: <jamesd1@flash.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [120609] RE: QRP during low sunspots
Message-ID: <007701c1bc74\$2aef5240\$2802a8c0@RAMcCarty>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Great post, Doc.

Roger KD6CC

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
Of James R. Duffey
Sent: Friday, February 22, 2002 12:44 PM
To: Low Power Amateur Radio Discussion
Subject: Re: QRP during low sunspots

There is lots to do with QRP at the Sun Spot minimum.

I started in Ham Radio in 1965... <<Cut>>

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.324 / Virus Database: 181 - Release Date: 2/14/2002

Date: Sat, 23 Feb 2002 07:16:38 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [120610] N0RC Fox Log
Message-ID: <001d01c1bc74\$b5a01500\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

N0RC Fox Log

Hunt date: 22-Feb-2002, 0200-0400 UTC
21-Feb-2002, 1900-2100 MST

Time	Call	RST	Ex.
01 0201	K8DD	549	MI HANK 5W
02 0202	N2WW	559	CO Larry 5W
03 0203	N0TK	569	CO Dan 5w
04 0203	N9NE	559	WI Todd 1W
05 0203	K7TQ	559	ID Randy 5w
06 0203	W5YA	579	NM Fred 5w
07 0204	KR5C	559	TX George 5w
08 0205	K0EVZ	569	ND Doc 5w
09 0206	K4TJD	559	GA Tom 5w
10 0208	N5ZE	599	TX Lew 5w

11	0209	W9XU	559	WI	Lon	5w
12	0210	K0CNT	559	CO	George	5w
13	0211	AA50	559	LA	Vern	5w
14	0214	N4ROA	559	VA	Dan	5w
15	0215	KB7WW	559	OR	Art	5w
16	0215	N1FN	559	CO	Em	5W
17	0215	WA9TZE	559	WI	Jim	5W
18	0216	K0FRP	579	CO	Al	5w
19	0217	W5USJ	599	TX	Chuck	5w
20	0219	N9IJ	569	IL	Len	5w

21	0219	AE4Y	599	GA	Kent	5W
22	0220	VE5RC	559	SK	Bruce	5W
23	0220	WE6W	559	CA	Ed	4w
24	0221	K5DI	559	NM	Karl	5m
25	0221	WA8NTA	599	CO	Dick	5W
26	0222	K0FRP	579	CO	Al	5W
27	0224	VE6JAZ	559	AB	Bob	5w
28	0226	AA7XA	559	OR	Frank	5w
29	0226	N0TU	559	CO	Steve	5W
30	0227	N9AW	559	WI	Jerry	5W

DUP

31	0229	W5YR	559	TX	George	5w
32	0230	K0PC	559	MN	Pat	5W
33	0232	W0MC	559	CO	Jerry	5w
34	0232	K5OI	559	OK	Tim	5w
35	0233	K3PH	559	PA	Bob	5W
36	0234	W0RSP	579	SD	Ade	4w
37	0235	W0CH	559	MO	Dave	900mW
38	0237	N0AR	559	MN	Scott	5w
39	0238	KI0II	559	CO	Ron	2w
40	0238	K5ZTY	559	TX	Bill	5w

41	0240	NQ7X	559	AZ	Floyd	5w
42	0241	K9DC	559	IN	Dave	5W
43	0241	AC5JH	559	OK	Tom	5w
44	0243	KD5KXF	559	TX	Mike	5w
45	0245	N4MAP	559	GA	Sam	5w
46	0251	NU8S	559	OH	Dennis	5w
47	0252	WE9K	559	WI	Glenn	5w
48	0252	NK9G	559	WI	Dick	5w
49	0255	W7CV	579	AZ	Del	3w
50	0256	KQ5U	559	TX	Terry	5w

51	0256	W7ILW	559	AZ	Walt	3w
52	0257	W0UFO	559	MN	Mert	5w
53	0258	WV9N	559	OH	Randy	5W

54 0259 N0UR	579 MN Jim 5w	
55 0300 W5TB	559 TX Doc 5w	
56 0301 KK5LD	559 TX Dan 5W	
57 0302 WR50	559 TX Dave 5w	
58 0304 VA6RF	559 AB Earl 5w	
59 0306 K5E0A	559 LA Wayne 5w	
60 0307 N0HRL	559 MN Ken 5w	
61 0308 K4ADI	559 SC Frank 5w	
62 0309 K8KFJ	559 WV Gary 5w	
63 0310 K8CV	559 MI Walt 5w	
64 0311 K7NA	559 CA Vince 5w	
65 0313 N6WG	559 CA Bob 5w	
66 0314 W9HL	559 IL Randy 5w	
67 0318 KC0ATC	559 CO Chris 5w	
68 0321 AF4PP	559 GA Chuck 5w	
69 0321 N3ZPQ	559 OH Frank 4w	
70 0322 KJ0C	559 MO Jim 5w	
71 0324 K4BYF	559 FL Jack 5w	
72 0325 AF4LQ	599 KY Mike 5W	
73 0326 VE6EX	559 AB Dan 5w	
74 0328 NX8C	559 MI Neil 5w	
75 0329 KC9LC	559 VA Clyde 5W	
76 0331 W0IS	539 MN Rick 5w	
77 0331 KR5C	559 TX George 5w	DUP
78 0332 NK6A	559 CA Don 5w	
79 0333 K9IUA	559 IA Kevin 5w	
80 0334 KG6CYN	559 CA Trevor 5w	
81 0337 K5JHP	559 TX Bill 5w	
82 0339 K2PQ	559 NJ Frank 5w	
83 0340 K90Z	559 IL Bruce 5w	
84 0341 K3IU	559 RI Ken 5W	
85 0342 AB0CD	599 CO Dick 5W	
86 0343 AD6JV	559 CA Bill 5w	
87 0345 KB0LUR	599 CO Paul 5w	
88 0346 WA8BXN	559 OH Mike 5w	
89 0349 VE4WI	559 MB Craig 5w	
90 0352 WA9TZE	599 WI Jim 900mW	DUP
91 0353 VE3FAL	559 ON Fred 5w	
92 0400 N1Qo	599 VT John 5W	2nd Fox

* * * eol * * *

73, Rod N0RC

Ft Collins, CO

Date: Sat, 23 Feb 2002 14:20:52 -0000
From: "Mark S. Adams, P.E." <msadams@buffalo.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [120611] Re: QRP during low sunspots
Message-ID: <000501c1bc75\$4e109670\$0000a398@K2Q0>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

One option for dealing with low sunspots is getting to some serious qrp work on the VHF+ bands! Six meter sporadic e openings are more prominent during low sunspots and the VHF contests are an absolute blast. They too have a qrp entry category. The single op portable category is PERFECT for a guy with a Yaesu 817 and a few \$5 homebrew beams. The similarities between HF qrp and VHF qrp are astounding in terms of needed perseverance and weak signal ability. Enjoy!

72,
Mark K2Q0

Date: Sat, 23 Feb 2002 08:38:36 -0600
From: "David Durant" <n4xce@bellsouth.net>
To: <qrp-1@Lehigh.EDU>
Subject: [120612] Re: more FS
Message-ID: <001101c1bc77\$c7172f00\$4bed5141@workstation>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

i,ll take the SW40 if you still have it .David N4XCE

Date: Sat, 23 Feb 2002 09:42:15 -0500

From: Bruce Muscolino <w6toy@erols.com>
To: w0av@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [120613] Re: Ref. Standards
Message-ID: <3C77AA47.681E80FA@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George,

>
> When I use a word, it means exactly what I choose it to mean;
> nothing
> more and nothing less."
>

He was a writer, not a scientist or engineer. I am not saying that scientists or engineers are special, only that what they say is often interpreted by many people. The interpretation must be objective and grounded in something or it is meaningless to everyone!

In short, you cannot share information if everyone is on a different page! Consider what state our technology would be in if everyone made their own definitions. Last time I looked, even QRP was grounded in scientific fact!

73

Date: Sat, 23 Feb 2002 09:44:30 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: vcortina@hvc.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [120614] Re: Ref. Standards
Message-ID: <3C77AACE.69D7CBB0@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>
> True, but then again "A rose by any other name, would smell just as
> sweet!" - Bette Midler
>

I believe that your attribution is wrong. Bette Midler, while a very creative lady, did not originate the phrase. Look elsewhere, like maybe Shakespeare!

73

Date: Sat, 23 Feb 2002 09:54:33 -0500
From: "V Cortina" <vcortina@hvc.rr.com>
To: "Bruce Muscolino" <w6toy@erols.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [120615] Re: Ref. Standards
Message-ID: <001701c1bc7a\$019bbc20\$6401a8c0@hvc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh Jeez Bruce, I KNOW THAT!!!!!! It was a JOKE fer cryin out loud.

Vinny KR2F
Mt. Tremper, NY FN22ua
F.I.S.T.S. #4582, QRP-L #2397
NJ-QRP #349 E.C.A.R.S. #20188
10-X #68971

----- Original Message -----
From: "Bruce Muscolino" <w6toy@erols.com>
To: <vcortina@hvc.rr.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, February 23, 2002 9:44 AM
Subject: Re: Ref. Standards

> >
> > True, but then again "A rose by any other name, would smell just as
> > weet!" - Bette Midler
> >
> I believe that your attribution is wrong. Bette Midler, while a very
> creative lady, did not originate the phrase. Look elsewhere, like maybe
> Shakespeare!
>
> 73

Date: Sat, 23 Feb 2002 10:01:28 -0500
From: "Dave" <wr3i@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
 w6toy@erols.com

Subject: [120616] Re: Ref. Standards
Message-ID: <3C776878.26466.2378570@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Or was it Kevin Bacon?
Dave

Date: Sat, 23 Feb 2002 10:07:39 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: Stewart Bryant <stewart.bryant@virgin.net>
Cc: gqrp@yahoogroups.com
Subject: [120617] Re: [GQRP] F82-61 Miracle Whip - Technical "PT0/ATU Idea ?"
Message-ID: <20020223095049.E66492-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 23 Feb 2002, Stewart Bryant wrote:

> Slight change of title as I return to the engineering.
>
> Palomar responded with the inductance as:
>
> F82-61 is 73 mH per 1000 turns
>
> As L goes as the square of the number of turns
> the inductance of the auto-transformer is :
>
> $n^2 \times 73 \times 1000 / 1000^2 \text{ uH}$
>
> The design calls for 60 turns so the inductance
> is 263 uH
>
> The problem with (and brilliance of) the design
> is mechanical, ie getting the contact onto the
> right winding, and I will be interested to see
> the wear characteristics on the mechanism and the
> soft copper winding in particular.
>
> I was thinking that although one normally thinks
> of the windings ratio as setting the matching ratio
> of an auto-transformer, its actually the magnetic
> flux coupling that results from the winding ratio
> that is significant.

>
> So another approach might be an inductance with a
> smaller more managable number of taps (say 6 to 12),
> using an ordinary switch, with a ferrite rod that
> was capable of being slid right through from end
> to end:
>
>
> \|/
> |
> |
> *****
> -----
> <=====>.....<=====>
> -----
>
> *****
> | | |
> o o o|
> TX -----0-----^ |
> \-----|
>
> Thoughts?
>
> 73
>
> Stewart G3YSX
>
>
>
>
>
> === Via the mailing list of the GQRP Club www.gqrp.com ===
>
> Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>
>
>

Stewart,

I hope that you do not mind my Re-Posting your Comments, I found them Quite interesting. The Mechanical portions of the Miracle Whip will definately be a factor in the cost of the unit. I had a similar idea many years ago, but was not so succesful in the construction.

I did have a much larger Reostat to begin the project, but not a suitable Toroid that large.

Your idea has prompted me to think of another Mechanical Marvel design.

My thought was to wind several Toroids with their windings in series and mount them on a piece of tubing which would have metal plates on each end for mounting (Brass Angle Brackets on a PCB Base). There would be a brass rod going thru the Center with several Smaller Toroids (No Windings) glued to the Rotating Rod which has Threaded Rods inside these provide the means to Adjust the Tuning as the Home Made Ferrite Toroid Rod Entered into the Center of the Windings. Nothing earthshaking, just a take off on the old Automobile Radio PTO Tuning Mechanisms. Simple, and Accurate, plus Cheap to make.

I was thinking of a Companion Tuning Capacitor using Teflon Tape (Plumbing) and Copper Pipe or Telescoping Brass Tubing.

Combine the Two and you have a Homebrew ATU for Next to Nothing?

Again thanks for the idea..

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sat, 23 Feb 2002 10:03:56 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Dave <wr3i@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [120618] Re: Ref. Standards

Message-ID: <3C77AF5C.7B8065@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ask Ade!

73

Date: Sat, 23 Feb 2002 10:14:34 -0500
From: "Dave" <wr3i@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [120619] 160 meter Contest question?
Message-ID: <3C776B8A.4377.24381E9@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

any of the attempting the 160 sbb this weekend? I am going to put
up my dipole so will look for you if so
Dave W1QB

Date: Sat, 23 Feb 2002 10:12:12 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: k3tks@u1.abs.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [120620] Re: [GQRP] F82-61 Miracle Whip - Technical "PT0/ATU Idea ?"
Message-ID: <3C77B14C.9966DFCF@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Many years ago someone built an antenna tuner based on a rheostat frame
and a toroid. I also remember that TenTec manufactured such a tuner
commercially.

Two things can be problems. First finding a rheostat frame in decent
condition, and second mounting the toroid so good contact can be
maintained. Toroids are available in many sizes these days so diameter
should not be a problem.

I have used the same sort of idea for many years by using a T200 core
and tapping the windings. Radio Shack sells a single pole 12 position

switch that is perfect for this.

73

Date: Sat, 23 Feb 2002 10:29:45 -0500
From: "Jim Stamper" <jstamper@shentel.net>
To: <w6toy@erols.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [120621] Re: Ref. Standards
Message-ID: <003701c1bc7e\$eca63020\$c65d6fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, February 23, 2002 9:42 AM
Subject: Re: Ref. Standards

> George,
> >
> > When I use a word, it means exactly what I choose it to mean;
> > nothing
> > more and nothing less."
> >
> He was a writer, not a scientist or engineer.

But he was a distinguished mathematician. Does that not count as a
scientist?

Date: Sat, 23 Feb 2002 08:55:18 -0700
From: "Dave WR50" <dendav@dzdn.com>
To: "QRPL" <qrp-1@lehigh.edu>
Subject: [120622] Re: QRP during low sunspots
Message-ID: <001601c1bc82\$7ed2d040\$436357d1@dwinfield>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks, Doc...I needed that :-).

For those who are new to QRP or are just interested in this sort of thing, you might want a copy of W6EL's HF propagation program. One of it's neat features is that it will display a world map with a Maximum Useable Frequency overlay based on your latitude/longitude. You can change the date and/or time of day, as well as the sunspot number/solar flux number and the K index. It's a freebie (public domain) program, or at least the version I have is.

I don't have the link for the program handy, but you should be able to find it through Google or eham.net (which is how I found it).

As an added bonus, it will also print out a great circle map based on your location, so you can indeed finally prove that the world IS centered around you :-D. There are a lot of other features to the program that I won't list here, but I think it's a worthwhile download.

CAVEAT:

As with any propagation program, there are far too many variables that cannot be covered, such as sporadic E, so the results are what I would call a "best educated guesstimate". It does give you a very good idea of where to start. The only way to really find out is to get on and operate...it may just surprise you!

The results I obtained for a flux of 65 (solar minimum) and a K2 index of 2 (guesstimated worst case) dovetail very nicely with Dr. Megacycle's practical experience (I'm just a couple of hundred miles south of the good Doc). Depending on your location, your results will obviously vary somewhat.

I don't know the author, I just use the program and I like it. Your mileage may vary.

72/73 es oo,

Dave Winfield, WR50
El Paso, Texas DM61ts
<http://www.qsl.net/wr50>

FP# -109, SOC #371, ARS #996, Zombie #793, QRPP #328

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.325 / Virus Database: 182 - Release Date: 2/19/02

Date: Sat, 23 Feb 2002 08:55:05 +0000
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Subject: [120623] S-Meters - What the Books Say
Message-ID: <B89D0969.12106%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

A quick search of my 2001 Handbook revealed nothing that described the relationship of S-meter readings to received signal strength. The only references to S-meters were in the trouble shooting section and a description of an optional S-meter to the Sierra.

But my 1993 handbook does describe the origin of what many of us consider to be a "standard":

"An attempt was made by at least one receiver manufacturer in the early 1940s to establish some significant numbers for S-meters. S9 was to be equivalent to 50 microVolts, and each S-unit would have been equal to 6 dB. The scale readings above S9 were given in dB. The system never took hold in the manufacturing world, probably for the reasons given earlier."

The "reasons given earlier" have been hashed over here. My 1979 Handbook says much the same thing.

The QRPers bible, "Solid State Design for the Radio Amateur" (deMaw and Hayward), makes no mention of the S-meter in its receiver discussion, although one is included in the AGC schematic of the Competition Grade Receiver discussed there.

One of my favorite ARRL publications was "Understanding Amateur Radio". I say was, because it is no longer published. It was a great introduction into building and using amateur radio gear. This publication is not kind to S-meters. The discussion starts;

"This is no doubt the most used and abused adornment on a receiver. An S-meter face plate contains markings in S-units and decibels, neither of which can be relied upon when issuing signal strength reports..."

It then goes on to discuss the information above, and continues;

"... an S-meter is primarily a gimmick for the operator to use as a topic of discussion in a QSO. Its usefulness can be utilized, however, while making comparative readings (relative readings) when some station operator switches antennas or power levels...But to rely on what the meter face indicates is pure folly."

How come no one in Newington writes like this anymore? - Dr. Megacycle
KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sat, 23 Feb 2002 09:14:51 -0700
From: "Dave WR50" <dendav@dzdn.com>
To: "QRPL" <qrpl-1@lehigh.edu>
Subject: [120624] Re: QRP during low sunspots [correction]
Message-ID: <003b01c1bc85\$39c88780\$436357d1@dwinfield>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> The results I obtained for a flux of 65 (solar minimum) and a K2 index of
2
> (guesstimated worst case) dovetail very nicely with Dr. Megacycle's
> practical experience (I'm just a couple of hundred miles south of the good
> Doc). Depending on your location, your results will obviously vary
> somewhat.

Sorry for the Freudian slip...that should read "K index of 2".

Yes, I want one :-D.

72/73 es oo,

Dave Winfield, WR50
El Paso, Texas DM61ts
<http://www.qsl.net/wr50>

FP# -109, SOC #371, ARS #996, Zombie #793, QRPp #328

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Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.325 / Virus Database: 182 - Release Date: 2/19/02

Date: Sat, 23 Feb 2002 10:25:53 -0600
From: "W5TB" <w5tb@arrl.net>
To: <dendav@dzn.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [120625] Re: QRP during low sunspots
Message-ID: <010b01c1bc86\$c39bed20\$0200a8c0@altn1.tx.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

w6elprop can be downloaded free from:

<http://www.qsl.net/w6elprop/>

73, T.E. 'Doc' Drake, W5TB
Arlington, Texas
FISTS # 5365 QRPARCI # 3532 ARRL Life Member K1 #181 K2#1617

----- Original Message -----=20
From: "Dave WR50" <dendav@dzn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, February 23, 2002 9:55 AM
Subject: Re: QRP during low sunspots

>=20
> Thanks, Doc...I needed that :-).
>=20
> For those who are new to QRP or are just interested in this sort of =
thing,
> you might want a copy of W6EL's HF propagation program. One of it's =
neat
> features is that it will display a world map with a Maximum Useable
> Frequency overlay based on your latitude/longitude. You can change =
the date
> and/or time of day, as well as the sunspot number/solar flux number =
and the
> K index. It's a freebie (public domain) program, or at least the =
version I
> have is.

>=20
> I don't have the link for the program handy, but you should be able to =
find
> it through Google or eham.net (which is how I found it).
>=20
> As an added bonus, it will also print out a great circle map based on =
your
> location, so you can indeed finally prove that the world IS centered =
around
> you :-D. There are a lot of other features to the program that I =
won't list
> here, but I think it's a worthwhile download.
>=20
> CAVEAT:
>=20
> As with any propagation program, there are far too many variables that
> cannot be covered, such as sporadic E, so the results are what I would =
call
> a "best educated guesstimate". It does give you a very good idea of =
where
> to start. The only way to really find out is to get on and =
operate...it may
> just surprise you!
>=20
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of 2
> (guesstimated worst case) dovetail very nicely with Dr. Megacycle's
> practical experience (I'm just a couple of hundred miles south of the =
good
> Doc). Depending on your location, your results will obviously vary
> somewhat.
>=20
> I don't know the author, I just use the program and I like it. Your =
mileage
> may vary.
>=20
> 72/73 es oo,
>=20
> Dave Winfield, WR50
> El Paso, Texas DM61ts
> <http://www.qsl.net/wr5o>
>=20
> FP# -109, SOC #371, ARS #996, Zombie #793, QRPp #328
>=20
>=20
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).

> Version: 6.0.325 / Virus Database: 182 - Release Date: 2/19/02
>=20

Date: Sat, 23 Feb 2002 11:26:46 -0500
From: "Jason Hissong" <jhisson1@columbus.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [120626] Re: QRP during low sunspots
Message-ID: <000701c1bc86\$e33a8fb0\$6501a8c0@caladan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks Dave for pointing me to this great program. I was able to play around with the numbers and get an idea of what to expect. This is a really neat program..

Thanks es 73
Jason N8XE
K2 #1270

----- Original Message -----
From: "Dave WR50" <dendav@dzn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, February 23, 2002 10:55 AM
Subject: Re: QRP during low sunspots

>
> Thanks, Doc...I needed that :-).
>
> For those who are new to QRP or are just interested in this sort of thing,
> you might want a copy of W6EL's HF propagation program. One of it's neat
> features is that it will display a world map with a Maximum Useable
> Frequency overlay based on your latitude/longitude. You can change the
> date
> and/or time of day, as well as the sunspot number/solar flux number and
> the
> K index. It's a freebie (public domain) program, or at least the version
> I
> have is.
>
> I don't have the link for the program handy, but you should be able to
> find
> it through Google or eham.net (which is how I found it).

>
> As an added bonus, it will also print out a great circle map based on your
> location, so you can indeed finally prove that the world IS centered
around
> you :-D. There are a lot of other features to the program that I won't
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> here, but I think it's a worthwhile download.
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> cannot be covered, such as sporadic E, so the results are what I would
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> a "best educated guesstimate". It does give you a very good idea of
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> to start. The only way to really find out is to get on and operate...it
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> just surprise you!
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> Doc). Depending on your location, your results will obviously vary
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> I don't know the author, I just use the program and I like it. Your
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>
> 72/73 es oo,
>
> Dave Winfield, WR50
> El Paso, Texas DM61ts
> <http://www.qsl.net/wr5o>
>
> FP# -109, SOC #371, ARS #996, Zombie #793, QRPP #328
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.325 / Virus Database: 182 - Release Date: 2/19/02
>

Date: Sat, 23 Feb 2002 09:44:19 -0600
From: "Robert Armstrong" <barmstrong@sisna.com>
To: <qrp-1@Lehigh.EDU>
Subject: [120627] Tuning ratio in Sierra
Message-ID: <000701c1bc80\$f650a2c0\$ceb4d2d1@barmstrong>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has someone on the list experimented with ways to increase the tuning ratio on the Sierra? Fine tuning is a bit difficult.

Bob N7XJ
Utah

Date: Sat, 23 Feb 2002 11:06:36 -0600
From: George Franklin <w0av@juno.com>
To: vcortina@hvc.rr.com
Cc: qrp-1@lehigh.edu
Subject: [120628] Re: Ref. Standards
Message-ID: <20020223.111320.-1388267.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bi Vinny,

Where can I get a good "weet?"

72 de George/W0AV

Date: Sat, 23 Feb 2002 09:29:32 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [120629] Re: Tuning ratio in Sierra
Message-ID: <MABBJ0EAB0ILMKCJCLFCMECJDCAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bob

One of the easiest ways to slow the tuning rate is to put on a larger knob.
A friend put one on his Sierra, and it made quite a difference.
73, Bob N6WG

Date: Sat, 23 Feb 2002 12:48:23 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Jim Stamper <jstamper@shentel.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [120630] Re: Ref. Standards
Message-ID: <3C77D5E7.E075F85B@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

But when he was writing he was in a deferent field! I am sure that in
math he was much more rigorous! Also, it is hard to make an error in
thinking when confronted with an equation!

73

Date: Sat, 23 Feb 2002 13:26:41 -0500
From: Michael Bower <bowerm@ix.netcom.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [120631] Vern's address in last message.
Message-ID: <3C77DEE1.60563710@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry, folks. The address I had for Vern is w6mma@jps.net, not
vern@jps.net. In any case, does anybody have a better address? I can't
seem to raise him.

TIA (again)

Michael N4NMR

--
73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Sat, 23 Feb 2002 13:25:18 -0500
From: Michael Bower <bowerm@ix.netcom.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [120632] Super Antennas address
Message-ID: <3C77DE8E.41393436@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anybody have an address for Vern of Super Antennas other than
vern@jps.net?

TIA

Michael N4NMR

--

73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Sat, 23 Feb 2002 14:50:29 -0500
From: W2AGN <w2agn@pobox.com>
To: qrp-l@lehigh.edu, njqrp@njqrp.org
Subject: [120633] QRP Accessory
Message-ID: <02022314502902.02390@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I forgot to mention, I uploaded some pictures of my latest accessory. I
built KD1JV's "True RMS Wattmeter" into the same case as my "SQrpion Stinger
Singer" (Audible Frequency Counter). The Wattmeter includes a 10W dummy load.
It worked great for tuning up the glowbug stuff.

<http://www.qsl.net/w2agn/access.html>

--

John L Sielke W2AGN
w2agn@pobox.com

<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Sat, 23 Feb 2002 14:51:18 -0500
From: "N3BJ" <alanfryer@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [120634] Disregard this post
Message-ID: <00a701c1bca3\$77c6e860\$8b4e6520@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello...

Date: Sat, 23 Feb 2002 13:15:31 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [120635] QRPTTF Theme?
Message-ID: <3.0.6.32.20020223131531.007acd20@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Has a theme for QRPTTF been picked yet?

How about parks - city, town, county, state or national?
If this mild Wx continues, we might be swatting Black Flies by the last week
of April around here! Any extra points for the number of biting insects we
have to fend off?

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sat, 23 Feb 2002 13:04:29 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [120636] S-Meters
Message-ID: <3.0.6.32.20020223130429.007ab5a0@mailhost.ncia.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

The whole point of having AGC in a receiver is to keep the audio output at a constant level, regardless of the level of the input signal and to keep the varrious amplifier stages from going into limiting with strong signals. If a receiver has a properly functional AGC system, all but the very weakest and possibly the very strongest signals will all have the same audio level.

Therefore, the only way to know how strong a signal is, is by metering the AGC voltage, which is why S-Meters were added to receivers. Even though we may not know exactly how the S-Meter reading relates to the actual signal input level, we still get usefull information on the relative strength of signals, as seen by the receiver input.

Of course, so long as you can hear a station and they can hear you, it really doesn't matter what the S-Meter says!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sat, 23 Feb 2002 15:39:41 -0500
From: Dave Richards <wr3i@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
K5BDZ@aol.com
Subject: [120637] Re: subject line vs DELETE
Message-ID: <JLJ724XFCNM8586IG6ECD806IC54NI.3c77fe0d@sony>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

I thought this was the ONLY qrp List?
Dave
W1QB

2/19/2002 11:14:04 PM, K5BDZ@aol.com wrote:

>I know most of you belong to many QRP lists as I do. That's at least 200
>messages or so each day (excluding 80 or so personal messages under another
>e-mail address and over 100 e-mails at the office!).
>

>Many of us do not read all the messages (try less than 20%), and then only
>those whose SUBJECT line looks interesting.
>
>FACT: The DELETE button is faster than the eye.... so I suggest if we have a
>special message for any certain ham, let's put his/her call letters in the
>subject line whether direct e-mail or by sending it over the QRP Lists.
>
>I've had a number of hams complain because I don't answer their e-mail and
>fact is they leave the subject line either blank or with some non-related
>subject matter.
>
>Like all of you, I do want to answer all personal e-mail...but we need a
>little help.
>
>Thanks...and I wonder which 80% deleted this e-mail because of the subject
>line...Hi !
>Bill K5BDZ
>

Date: Sat, 23 Feb 2002 15:49:24 EST
From: Davewb4@aol.com
To: qrp-l@lehigh.edu
Subject: [120638] SW series RIT
Message-ID: <12a.cbd32fc.29a95a54@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All:
Does anyone have a schematic for the add on RIT for the SW30?
73
Dave Rogers
WB4CHK

Date: Sat, 23 Feb 2002 15:58:13 -0500
From: Ron S Stone <rsstone@juno.com>
To: QRP-L@lehigh.edu
Subject: [120639] WTB: TUF-1 Mixer
Message-ID: <20020223.155815.-368479.0.rsstone@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi - Does anyone have one of these mixers they can spare? Please respond direct with your price, etc. Thanks for your help!

72,

Ron (KA3J)

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Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/web/>.

Date: Sat, 23 Feb 2002 14:13:15 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [120640] Re: Tuning ratio in Sierra
Message-ID: <000d01c1bcae\$e94db580\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Bob,

On mine I put a silver mica cap in series with the main tuning capacitor. I don't remember the value (I don't have the rig anymore) but I cut the tuning range in half, for the same reason you want to--it's tough to tune otherwise.

73 de Dave NK0E

Date: Sat, 23 Feb 2002 14:14:28 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [120641] Re: QRPTTF 2002 Date? (is last SATURDAY in April)
Message-ID: <001101c1bcaf\$14e168e0\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Oops--make that the last SATURDAY in April. Thanks to those who corrected me. Time to see the optometrist...

73 de Dave NK0E

Date: Sat, 23 Feb 2002 15:19:39 -0000
From: "frank5838" <frank5838@email.msn.com>
To: <qrp-1@Lehigh.EDU>
Message-ID: <004101c1bc7d\$8493d7e0\$8558fea9@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK any one going to be on 40 meters tonight
I been on 20 all day Band is very bad also on 15 no good 10 meters no good
Last night I got on 40 meters around 0300 are so turn the beam to the JA
call CQ couple times made a nice contact on my K2 with 5 watts to the JA
station
now that makes you feel great to put together a radio and make a dx contact
72es Frank N5VT
look for me on 40 meters 7040.00 and up to 7050.00 and thanks to everyone
who help me with the K2 Frank Pig 432
N5VT Frank support QRP

Date: Sat, 23 Feb 2002 16:21:35 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [120643] FS - 2N3904/1N4148 (200/450 = \$9+)
Message-ID: <00a401c1bcb0\$139ff2c0\$2ca854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I couldn't pass up a good deal on some 3904's and 4148's but need to sell most of them. I've made up twenty packages, each containing approximately (200) 2N3904's in an Altoids box, and approximately (450) 1N4148's in an Altoids box, all for \$9 plus \$2 for 1st class shipping or \$3.50 for Priority

Mail. I think DX would be \$5 for Global Priority shipping. I don't have a lot of time, so haphazardly counted the 3904's and just divided the diodes but the count should be close.

I can't tell you anything about them except that they all have long leads. The 3904's say, "A 2N3904" on them and the diodes say "KEL 1N4148". The only testing I did was with my diode tester.

If you want one, please email me saying how you want it shipped and I'll acknowledge that I have one for you before you send the money. Like I said, I only have twenty, so they may go fast.

Thanks,

Denny Payton, N9JXY
1305 Kiblinger Place
Auburn, IN 46706

Date: Sat, 23 Feb 2002 14:29:50 -0500
From: W2AGN <w2agn@pobox.com>
To: qrp-l@lehigh.edu
Subject: [120644] QRP Glowbug Rigs
Message-ID: <02022314295000.02390@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Well, I got my QRP Glowbug Station(s) set up. Made some QSOs with the HT18, as well as the Meissner Signal Shifter/HQ129X combo, which turned out to be MUCH more stable than I expected.

Had some chirp at first with the HT18. Swapped out the 6BA6 oscillator, and it cleared right up.

See them at <http://www.qsl.net/w2agn/qrpqb.html>

--

John L Sielke W2AGN
w2agn@pobox.com

<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Sat, 23 Feb 2002 16:29:20 -0500
From: "N3BJ" <alanfryer@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [120645] FS: MXM Transceiver
Message-ID: <00e801c1bcb1\$29899400\$8b4e6520@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale: MXM xcvr for 40M. Kind of rare, not many offered. Features unique dual conversion RX, dual IF filtering, passband tuning. About 3W out, works fine. Convertible to other bands. Complete original documentation.

\$75 shipped

Alan, N3BJ
Bent Mountain, VA

Date: Sat, 23 Feb 2002 16:37:39 -0500
From: "N3BJ" <alanfryer@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [120646] Fw: MXM Transceiver (Instant Price Reduction)
Message-ID: <00f001c1bcb2\$5310e020\$8b4e6520@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Whoops - price should be \$75 shipped.

Alan, N3BJ
Bent Mountain, VA

----- Original Message -----
From: "N3BJ" <alanfryer@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, February 23, 2002 4:29 PM
Subject: FS: MXM Transceiver

> For Sale: MXM xcvr for 40M. Kind of rare, not many offered. Features

unique
> dual conversion RX, dual IF filtering, passband tuning. About 3W out,
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> fine. Convertible to other bands. Complete original documentation.
>
> \$75 shipped
>
> Alan, N3BJ
> Bent Mountain, VA
>
>
>

Date: Sat, 23 Feb 2002 22:53:27 +0100
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>, basil@us.fortis.com
Subject: [120647] [HB] NJ Islander and ICs
Message-ID: <3C780F57.DE9F72A@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello QRPers and homebrewers,

Yesterday I asked for a good solution to solder an IC on a board created with the excellent NJ Islander here on QRP-L. Thanks to all for the suggestions!

Dave NF0R wrote me to look in the NJ QRP club magazine Homebrewer #7 with an article written by Dov AD0V (the originator of these building technique). At the time I have no access to this issue. Next weekend I will drive to Peter (DL2FI) who collected all QRP magazines. I found the right site on the NJ website with the pictures from issue 1-6, but the pictures from issue 7 are at the time not uploaded. So Dave send me also a verbal description (MNI TNX) of the method in issue #7.

Mmh, now I had time until next weekend and time for experiments.

I found another method to solder an IC on a cut board. My reason to create a new method was to solder an IC with more than 4 pins in each row. The "spider" method is difficult by ICs with more than 4 pins, right? Please check the pdf file on the following URL for more informations.

http://www.qsl.net/dk3red/ic_cut.pdf (86KB)

P.S. You can copy or print or delete this information. :o)

P.P.S. If you need the pictures with a high resolution, send me a mail.

Happy pad cutting !

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!
dk3red@t-online.de <http://www.qsl.net/dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Sat, 23 Feb 2002 18:01:12 -0500
From: "DIANNE M WISE" <roy537@prodigy.net>
To: <jamesd1@flash.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [120648] Re: QRP during low sunspots
Message-ID: <009a01c1bcbd\$fe410780\$4297ff3f@rcrosier>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We have had some great stories and advice about low sunspot operating. Duffey's story was especially good, and he must have had a wonderful mother to warm up the radio for him during lunch hour from school.

I guess it has been pretty well established by other contributors that there is a lot to do during the low numbers on the sun. Please let me add my story:

During the early and mid 1980s I found myself a single father with three small children, the youngest was two. I had a Kenwood TS-670s which was a 10 watt transceiver with 40, 15, 10 and 6 meters all modes. Since I had family and work duties there was not much time for radio. I kept the rig turned on and used the squelch control to keep the noise level in the house down. I used the memory scan and monitored both 40 meter frequencies and the calling frequencies on 10 and 6 meters. I couldn't always answer the radio, the bands were poor and the antenna was minimal, but I managed to work a surprising number of stations during those years. It probably helped me to keep my sanity.

One day I walked into the kitchen after doing laundry in the basement to hear the radio say, "Does your Mommy know that you are playing with your Daddy's radio?" My three year old had climbed onto the cabinet and sent out a beautiful CQ on 29.6 FM QRP! Of course I had to make some changes to the set up to insure that I really WAS the control operator after that, but the other ham on the air assured me that my son had done a beautiful job of

calling CQ and signing my call. (KA0QHF at that time)

72, Roy KE0UQ

Date: Sat, 23 Feb 2002 16:53:43 -0700
From: "Al Dawkins" <alk0frp@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [120649] CQC QSO Party Sunday Feb 24
Message-ID: <006701c1bcc5\$535a71a0\$0200a8c0@als>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://www.cqc.org/contests/winter02.htm>

2200 GMT Feb 24th to 0400 GMT Feb 25, 2002

The CQC link above for the QSO party tomorrow.

I will be on a plane going to Pittsburgh and I will be at the Hotel about 9 pm EST after driving to Columbianna, OH. I do not know if I can get my antenna up for the end of the QSO party. I will have my Sierra and a dipole with me to work the Fox Thursday. I will try to work some of the QSO Party. If I do not make it have a good time.

Al K0FRP

Date: Sat, 23 Feb 2002 16:55:44 -0700
From: "Al Dawkins" <alk0frp@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [120650] CQC QSO Party
Message-ID: <006f01c1bcc5\$9bef1240\$0200a8c0@als>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

<http://www.cqc.org/contests/winter02.htm>

CQC 2002 Winter QSO Party

Sponsored by the Colorado QRP Club

When: from 2200 UTC February 24th until 0359 UTC February 25th. (Sunday evening, February 24th local)

Band/Mode: CW - 1.825 3.560 3.710 7.040 7.110 14.040 21.060 21.110 28.060
28.110

Phone - 1.910 3.985 7.285 14.285 21.385 28.385

Exchange: RS(T), state/province/DXCC country, first name, and CQC no. or power output.

Classes: CW and Phone. Single band, Multiband, and Homebrew. Single operator only.

Power: 5 Watts output or less.

Score: 6pts/4pts/CW QSO with member/non-member; score 3pt/2pts/phone QSO w/member/non-member.

Final score is QSO pts X states/provinces/DXCC countries X
number of first names worked,
one/letter of the alphabet, 26 max. Bonus points for working
W CQC station - 1000 points.

Entry: Electronic logs in ASCII text format only, may be sent to:
contest@cqc.org

Paper logs can be mailed to:

CQC Contest
POB 371883
Denver CO 80237-1883

For sample Log, and Name sheets, send SASE and one unit first class postage to:

Jim Pope, KG PP
CQC Contest Information
POB 31575
Aurora, CO 80041-0575

Date: Sat, 23 Feb 2002 17:02:53 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [120651] W6EL Propagation software
Message-ID: <Pine.LNX.4.33.0202231700240.2080-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This software is available still free of cost from this URL:

<http://www.qsl.net/w6elprop/>

I do wish those who tell us how nice some software is will tell us where they got it. It took me 10 minutes on Google.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

End of QRP-L Digest 2475

